IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Group Art Unit - Unknown

In re

Patent Application of

James W. Schumm, et al.

Serial No.: Unknown

Filed: April 20, 2001

Examiner: Unknown

I, Diane J. Frauchiger hereby certify that this correspondence is being deposited with the US Postal Service as Express Mail Post Office to Addressee Serial No. EL453985016US addressed to Assistant Commissioner for Patents, BOX PATENT APPLICATION, Washington, D.C. 20231, on the date of my signature.

Diane J. Frauchiger
Signature

April 21, 2001
Date of Signature

U017 U.S. PTO
09/839478
04/20/01

"MULTIPLEX AMPLIFICATION OF SHORT TANDEM REPEAT LOCI"

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR §1.97(b)

Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, D.C. 20231

Sir:

The Examiner's attention is directed to the references, which are listed on the documents attached hereto, copies of which are not being provided herewith because, pursuant to 37 C.F.R. §1.98(d), copies were previously provided in U.S. Serial No. 09/327,229, filed June 7, 1999, and in U.S. Serial No. 08/316,544, filed September 30, 1994 which is being relied upon for an earlier filing date under 35 U.S.C. §120.

Citation of these references is respectfully requested.

Respectfully submitted,

Grady J. Frenchick

Date: April 20, 2001

Grady J. Frenchick
Reg. No. 29,018

File No. 016026-9238
Michael Best & Friedrich LLP
One South Pinckney Street
P. O. Box 1806
Madison, WI 53701-1806
(608) 257-3501

PATENT

1017 U.S. PTO
09/839478
04/20/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	)	Docket No.: 34506.022
James W. Schumm, et al.	)	
Serial No.: 08/316,544	)	
Filed: September 30, 1994	)	

For: **MULTIPLEX AMPLIFICATION OF SHORT TANDEM REPEAT LOCI**

SUPPLEMENTAL INFORMATIONAL STATEMENT

Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. 1.56, applicant hereby calls to the attention of the Patent and Trademark Office the publications listed on the attached PTO 1449. One copy of each publication is attached.

References Cited

Alford, R.L., et al. (1994) "Rapid and Efficient Resolution of Parentage by Amplification of Short Tandem Repeats," *Am J. Hum Genet.* 55: 190-195.

Chakraborty R (1993) "A Class of Population Genetic Questions Formulated as the Generalized Occupancy Problem," *Genetics* 134: 953-958.

Chamberlain, J.S., et al. (1988) "Deletion screening of the Duchenne muscular dystrophy locus via multiplex DNA amplification," *Nucleic Acid Res.* 16: 11141-11156.

Chamberlain, J.S., et al. (1989), "Multiple PCR for the Diagnosis of Duchenne Muscular Dystrophy," In *PCR Protocols, A Guide to Methods and Application* (ed. Gelfand, D.H., et al.) pp.272-281. Academic Press, San Diego, CA.

Clemens, P.R., et al. (1991). "Carrier Detection and Prenatal Diagnosis in Duchenne and Becker Muscular Dystrophy Families, Using Dinucleotide Repeat Polymorphisms," *Am J. Hum. Genet.* 49: 951-960.

Covone, A.E., et al. (1992) "Screening Duchenne and Becker Muscular Dystrophy Patients for Deletions in 30 Exons of the Dystrophin Gene by Three-multiplex PCR," *Am. J. Hum. Genet.* 51: 675-677.

Estivill, X., et al. (1991) "Prenatal diagnosis of cystic fibrosis by multiplex PCR of mutation and microsatellite alleles," *Lancet* 338: 458.

Ferrie, R.M., et al. (1992) "Development, Multiplexing, and Application of ARMS Tests for Common Mutations in the CFTR Gene," *Am. J. Hum. Genet.* 51: 251-262.

Fortina, P., et al. (1992) "Non-radioactive detection of the most common mutations in the cystic fibrosis transmembrane conductance regulator gene by multiplex polymerase chain reaction," *Hum Genet.* 90: 375-378.

Fregeau, C.J., and Fourney, R.M. (1993) "DNA Typing with Fluorescently Tagged Short Tandem Repeats: A Sensitive and Accurate Approach to Human Identification," *BioTechniques* 15(1): 100-119.

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Hammond, H. A., et al. (1994) "Evaluation of 13 STR Loci for use in Personal Identification Applications," *Am. J. Hum. Genet.* 55: 175-189.

Huang, T.H.-M., et al. (1992) "Genetic Mapping of Four Dinucleotide Repeat Loci DXS435, DXS45, DXS454, DXS424, on the X Chromosome Using the Multiplex Polymerase Chain Reaction," *Genomics* 13: 375-380.

Lohmann, D., et al. (1992) "Detection of small RB1 gene deletions in retinoblastoma by multiplex PCR and high-resolution gel electrophoresis," *Hum. Genet.* 89: 49-53.

Morral, N. and Estivill, X. (1992) "Multiplex PCR Amplification of Three Microsatellites within the CFTR Gene," *Genomics* 51: 1362-1364.

Schumm, J.W. et al. (1994) "Development of Nonisotopic Multiplex Amplification Sets for Analysis of Polymorphic STR Loci," in The Fourth International Symposium on Human Identification 1993, pp. 177-187.8

Schwartz, J.S., et al. (1992) "Fluorescent Multiple Linkage Analysis and Carrier Detection for Duchenne/Becker' Muscular Dystrophy," *Am J. Hum. Genet.* 51: 721-729.

Tautz, D., et al. (1986) "Cryptic simplicity in DNA is a major source of genetic variation," *Nature* 322: 652-656.

Applicants respectfully request that these publications be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,

Charles S. Sara, Reg. No. 30,492
DEWITT ROSS & STEVENS, S.C.
Firstar Financial Centre
8000 Excelsior Drive Suite 401
Madison, Wisconsin 53717-1914
(608) 831-2100

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

2/2/95	2/2/95	Sally Sorensen
Date of Deposit	Date of Signature	Signature